

**AMENDMENTS TO THE ABSTRACT:**

Please replace the paragraph (Abstract) beginning at page 26, line 1 with the following rewritten version:

A temperature control device includes a plurality of eassettes compartments holding microorganisms or cells, a heater, and a cooling unit. The heater is provided around the eassettes compartments to heat the eassettes compartments. The cooling unit includes a cooling fan, a cooling fin, an aluminum conduction block, a Peltier element, a radiating fin, and a radiating fan. Air is supplied to the cooling fin via the cooling fan. The air is cooled in the cooling fin because heat is moved from the air to the cooling fin. Air having been cooled is sent to the eassettes compartments to cool the eassettes compartments. Temperatures inside the eassettes compartments are controlled by controlling operations of the heater and the cooling unit.